

# Mineral Industry Surveys

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## IRON AND STEEL SCRAP IN JUNE 2005

On a daily average basis in June 2005, estimated consumption of iron and steel scrap was up 4% and net receipts of purchased and home scrap were down 2% compared with those of May 2005, according to the U.S. Geological Survey. Consumption during the first 6 months of 2005 was 3% less than that during the first 6 months of 2004. Consumption during the second quarter of 2005 was 3% less than that during the second quarter of 2004. Production of home scrap was down 1% and stocks of purchased and home scrap at the end of the month were about the same as those of May 2005. These observations are based upon responses from 58% of the companies surveyed that manufacture pig iron and semifinished steel products, which represent 49% of the total scrap consumption in those sectors, and estimates for nonrespondents to this survey.

On a daily average basis, pig iron production was down 6% and consumption was down 5% compared with those of May 2005. Stocks of pig iron at month's end were up 5% compared with that of May 2005.

Exports of iron and steel scrap for the month of May 2005 increased 63% from those of April 2005. Canada was the leading country of destination, accounting for 33% of the total tonnage of exports, followed by China with 21% and the Republic of Korea with 14% (table 6). Los Angeles, CA, was the leading U.S. Customs district for tonnage of exports,

accounting for 18% of the total, followed by Seattle, WA, with 11% and New York, NY, with 9% (table 7).

Imports of iron and steel scrap for May 2005 decreased 17% compared with those of April 2005. Canada was the leading country of origin, accounting for 76% of the total tonnage of imports, followed by United Kingdom with 11% and the Netherlands with 9% (table 9). Detroit, MI, was the leading U.S. Customs district for tonnage of imports, accounting for 44% of the total, followed by Charleston, SC, with 20% and Seattle, WA, with 18% (table 10).

The daily average domestic raw steel production for June 2005, as calculated from the American Iron and Steel Institute's (AISI) monthly production data, amounted to 237,000 metric tons (t), down 5% from 250,000 t in May 2005 and down 13% from 272,000 t in June 2004 (table 12). The electric furnace portion of raw steel production for June 2005 was 58%, up from 56% in May 2005 and up from 55% in June 2004.

Raw steel capability utilization (AISI data) in June 2005 was 80%, down from 84% in May 2005 and down from 94% in June 2004 (table 12). Continuous cast steel production in the United States accounted for 96% of total raw steel production in June 2005, about the same as in May 2005 and slightly from that in June 2004.

TABLE 1  
IRON AND STEEL SCRAP, PIG IRON, AND DIRECT-REDUCED IRON STATISTICS FOR STEEL PRODUCERS<sup>1,2</sup>

(Thousand metric tons)

	June 2005			Year to date <sup>p</sup>		
	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers	Integrated steel producers <sup>3</sup>	Electric furnace steel producers <sup>4</sup>	Total for steel producers
<b>Scrap:</b>						
Receipts from dealers and other sources	1,070	2,480	3,540	6,610	14,500	21,100
Receipts from other own company plants	W	W	194	W	W	1,120
Production recirculating scrap	552	331	883	3,410	2,000	5,410
Production obsolete scrap	9	27	36	56	162	219
<b>Consumption (by type of furnace):</b>						
Blast furnace	(5)	--	(5)	(5)	--	(5)
Basic oxygen process	W	W	986	W	W	6,110
Electric furnace	W	W	3,540	W	W	21,000
Other (including air furnace) <sup>6</sup>	(5)	--	(5)	(5)	--	(5)
Total consumption	1,600	2,920	4,520	9,790	17,400	27,200
Shipments	106	18	124	668	77	746
Stocks end of month	2,430	2,170	4,600	XX	XX	XX
<b>Pig iron (includes hot metal):</b>						
Receipts	407	153	560	2,550	910	3,460
Production	W	W	2,400	W	W	15,700
<b>Consumption (by type of furnace):</b>						
Basic oxygen process	W	W	2,870	W	W	18,500
Direct castings <sup>7</sup>	(5)	(5)	(5)	(5)	(5)	(5)
Electric furnace	W	W	(5)	W	W	(5)
Total consumption	2,750	116	2,870	17,800	725	18,500
Shipments	(8)	(8)	(8)	(8)	(8)	(8)
Stocks end of month	W	W	716	XX	XX	XX
<b>Direct-reduced iron:<sup>9</sup></b>						
Receipts	119	57	176	668	245	913
Production	W	W	W	--	--	--
Total consumption	123	42	165	693	191	884
Shipments	--	--	--	--	--	--
Stocks end of month	238	77	315	XX	XX	XX

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total for steel producers" and/or "Total consumption." XX Not applicable. -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings. June 2005 data are based on returns from 58% of monthly respondents, representing 49% of scrap consumption during this month, and estimates for nonrespondents of this survey.

<sup>3</sup>Includes data for electric furnaces operated by integrated steel producers.

<sup>4</sup>Includes minimill and specialty steel producers; includes data for other furnaces operated by these steel producers.

<sup>5</sup>Withheld to avoid disclosing company proprietary data; included in "Consumption: Basic oxygen process."

<sup>6</sup>Includes vacuum melting furnaces and miscellaneous uses.

<sup>7</sup>Includes ingot molds and stools.

<sup>8</sup>Withheld to avoid disclosing company proprietary data.

<sup>9</sup>Includes direct-reduced iron, hot-briquetted iron, and iron carbide. Domestic production data are included in "Receipts."

TABLE 2  
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, CONSUMPTION, AND STOCKS OF IRON AND STEEL SCRAP, BY GRADE, FOR STEEL PRODUCERS<sup>1,2</sup>

(Thousand metric tons)

Item	June 2005				Year to date <sup>p</sup>		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>	Ending stocks	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>
Carbon steel:							
Low-phosphorus plate and punchings	23	W	55	129	150	W	331
Cut structural and plate	354	52	404	314	2,090	328	2,400
No. 1 heavy melting steel	368	172	557	454	2,100	1,040	3,240
No. 2 heavy melting steel	474	31	510	484	2,870	187	3,060
No. 1 and electric furnace bundles	323	W	465	330	2,090	W	2,820
No. 2 and all other bundles	64	W	67	46	403	W	426
Electric furnace 1 foot and under (not bundles)	7	W	W	W	38	W	W
Railroad rails	26	W	35	24	161	W	189
Turnings and borings	157	3	170	87	920	24	1,030
Slag scrap	61	114	157	167	395	711	963
Shredded and fragmentized	756	W	891	689	4,600	W	5,430
No. 1 busheling	456	18	447	382	2,540	103	2,640
Steel cans (post consumer)	21	W	26	W	129	W	156
All other carbon steel scrap	119	135	257	289	769	828	1,630
Stainless steel scrap	62	17	86	36	366	108	527
Alloy steel scrap	11	43	56	31	64	261	316
Ingot mold and stool scrap	W	7	5	16	W	40	29
Machinery and cupola cast iron	W	W	W	W	W	W	W
Cast iron borings	25	W	26	33	134	W	130
Motor blocks	W	--	W	W	W	--	W
Other iron scrap	52	29	92	W	293	200	556
Other mixed scrap	182	37	206	643	999	222	1,220
Total	3,540	883	4,520	4,600	21,100	5,410	27,200

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes recirculating scrap and home-generated obsolete scrap.

TABLE 3  
 RECEIPTS FROM OUTSIDE SOURCES, PRODUCTION, AND CONSUMPTION OF IRON AND STEEL SCRAP,  
 BY REGION AND STATE, FOR STEEL PRODUCERS<sup>1,2</sup>

(Thousand metric tons)

Region and State	June 2005			Year to date <sup>p</sup>		
	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>	Receipts of scrap from brokers, dealers, and other outside sources	Production of home scrap (recirculating scrap resulting from current operations)	Consumption of purchased and home scrap <sup>3</sup>
<b>Mid-Atlantic and New England:</b>						
New Jersey, New York, Pennsylvania	405	164	617	2,380	1,010	3,640
<b>North Central:</b>						
Illinois and Indiana	341	287	587	2,000	1,720	3,540
Iowa, Minnesota, Nebraska, Wisconsin	241	5	240	1,470	30	1,440
Michigan	149	52	125	925	349	795
Ohio	458	119	596	2,920	786	3,660
Total	1,190	463	1,550	7,320	2,890	9,430
<b>South Atlantic:</b>						
Delaware, Maryland, Virginia, West Virginia	240	57	284	1,230	343	1,720
Florida, Georgia, North Carolina, South Carolina	307	17	317	1,750	115	2,030
Total	547	74	601	2,980	459	3,740
<b>South Central:</b>						
Alabama, Kentucky, Mississippi, Tennessee	397	53	554	2,760	301	3,210
Arkansas, Louisiana, Oklahoma, Texas	644	70	798	3,660	407	4,720
Total	1,040	123	1,350	6,420	708	7,930
<b>Mountain and Pacific:</b>						
Arizona, California, Colorado, Oregon, Utah, Washington	360	58	406	2,030	347	2,400
Grand total	3,540	883	4,520	21,100	5,410	27,200

<sup>p</sup>Preliminary.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>3</sup>Includes recirculating scrap and home-generated obsolete scrap.

TABLE 4  
RECEIPTS OF IRON AND STEEL SCRAP, BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1,2,3,4</sup>

(Thousand metric tons)

Item	June 2005					Year to date <sup>p</sup>				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	14	4	W	2	2	86	26	W	25	10
Cut structural and plate	45	117	102	64	26	266	689	542	442	154
No. 1 heavy melting steel	40	111	34	159	24	243	635	212	897	114
No. 2 heavy melting steel	8	183	70	166	47	45	1,170	378	993	284
No. 1 and electric furnace bundles	36	213	16	53	5	218	1,400	97	351	32
No. 2 and all other bundles	7	30	3	16	8	44	183	32	101	43
Electric furnace 1 foot and under (not bundles)	--	--	--	7	--	--	(5)	--	38	--
Railroad rails	W	W	9	8	W	W	W	49	60	W
Turnings and borings	26	45	10	69	7	155	259	93	371	42
Slag scrap	18	23	8	11	W	110	136	45	97	W
Shredded and fragmentized	46	159	219	246	86	273	968	1,150	1,720	490
No. 1 busheling	56	171	30	198	2	312	1,060	132	1,030	14
Steel cans (post consumer)	3	W	W	W	W	22	W	W	W	W
All other carbon steel scrap	40	61	4	13	W	225	366	27	145	W
Stainless steel scrap	49	13	--	--	--	292	73	--	(5)	--
Alloy steel scrap	7	W	--	W	--	40	W	--	W	--
Ingot mold and stool scrap	(5)	--	--	--	--	(5)	--	--	--	--
Machinery and cupola cast iron	--	--	(5)	W	--	--	--	2	W	--
Cast iron borings	W	W	W	8	2	W	W	W	39	4
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	16	W	1	W	W	97	W	6	W
Other mixed scrap	W	W	3	17	W	W	W	19	88	W
Total	405	1,190	547	1,040	360	2,380	7,320	2,980	6,420	2,030

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

<sup>1</sup>Scrap received from brokers, dealers, and other outside sources.

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>4</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>5</sup>Less than 1/2 unit.

TABLE 5  
CONSUMPTION OF IRON AND STEEL SCRAP BY REGION AND GRADE, FOR STEEL PRODUCERS<sup>1,2,3</sup>

(Thousand metric tons)

Item	June 2005					Year to date <sup>p</sup>				
	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific	Mid-Atlantic and New England	North Central	South Atlantic	South Central	Mountain and Pacific
Carbon steel:										
Low-phosphorus plate and punchings	15	33	W	W	3	87	197	W	W	17
Cut structural and plate	66	116	114	84	24	399	693	676	483	146
No. 1 heavy melting steel	82	166	39	215	56	491	966	255	1,200	334
No. 2 heavy melting steel	14	188	68	191	48	86	1,110	425	1,150	290
No. 1 and electric furnace bundles	46	316	18	78	7	255	1,990	107	426	37
No. 2 and all other bundles	9	29	3	18	8	52	187	29	110	49
Electric furnace 1 foot and under (not bundles)	--	3	--	9	--	--	19	--	45	--
Railroad rails	W	W	13	10	W	27	W	50	70	W
Turnings and borings	30	53	13	65	10	184	321	94	382	51
Slag scrap	27	58	19	52	W	174	387	111	285	W
Shredded and fragmentized	81	157	199	365	88	475	942	1,340	2,150	519
No. 1 busheling	62	171	30	181	3	347	1,040	137	1,090	19
Steel cans (post consumer)	5	W	W	W	W	34	W	W	W	W
All other carbon steel scrap	67	104	39	45	W	391	668	233	316	W
Stainless steel scrap	68	17	--	--	--	407	120	--	(4)	--
Alloy steel scrap	17	36	--	W	--	100	203	--	W	--
Ingot mold and stool scrap	3	1	--	(4)	--	20	6	--	3	--
Machinery and cupola cast iron	--	--	1	W	--	--	--	--	W	--
Cast iron borings	W	W	W	8	1	W	W	W	39	2
Motor blocks	--	--	W	--	--	--	--	W	--	--
Other iron scrap	W	38	W	2	W	W	225	W	16	W
Other mixed scrap	W	29	4	20	W	W	178	27	107	W
Total	617	1,550	601	1,350	406	3,640	9,430	3,740	7,930	2,400

<sup>p</sup>Preliminary. W Withheld to avoid disclosing company proprietary data; included in "Total." -- Zero.

<sup>1</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>2</sup>A breakout of the States within each region is provided in Table 3.

<sup>3</sup>Includes manufacturers of raw steel that also produce steel castings.

<sup>4</sup>Less than 1/2 unit.

TABLE 6  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY SELECTED REGION AND COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Region and country	May 2005		Year to date	
	Quantity	Value	Quantity	Value
<b>North America and South America:</b>				
Belize	(3)	122	(3)	228
Brazil	(3)	71	10	2,160
Canada	486	28,700	1,020	120,000
Chile	(3)	36	(3)	63
Colombia	23	5,660	24	5,890
Dominican Republic	(3)	20	1	109
El Salvador	(3)	18	(3)	84
Jamaica	(3)	33	(3)	94
Mexico	131	30,700	571	128,000
Suriname	(3)	15	1	189
Trinidad and Tobago	(3)	421	2	670
Venezuela	2	292	4	717
Other	1	11	35	7,760
Total	642	66,100	1,670	266,000
<b>Africa, Europe, Middle East:</b>				
Austria	(3)	8	(3)	90
Belgium	1	220	7	1,430
Czech Republic	(3)	6	(3)	6
Egypt	(3)	46	23	6,130
Finland	6	10,400	32	49,700
France	2	455	2	843
Germany	3	627	5	1,570
Hungary	(3)	21	(3)	90
Ireland	(3)	8	1	402
Italy	(3)	211	38	9,960
Kenya	12	2,040	34	7,490
Netherlands	(3)	722	5	3,520
Portugal	10	1,720	10	1,730
Romania	(3)	16	(3)	16
South Africa	(3)	5	(3)	14
Spain	5	965	8	1,600
Sweden	(3)	797	3	2,760
Tunisia	(3)	50	(3)	180
Turkey	118	24,600	565	121,000
United Kingdom	2	783	6	2,440
Other	1	6	68	14,500
Total	158	43,700	805	225,000
<b>Asia, Australia, Oceania:</b>				
Bangladesh	1	221	8	2,010
China	308	112,000	1,280	454,000
Hong Kong	5	2,190	17	11,500
India	22	10,800	263	85,000
Indonesia	12	3,120	112	27,400
Japan	8	3,390	16	11,300
Korea, Republic of	212	51,400	556	157,000
Malaysia	40	9,620	220	53,200
Pakistan	(3)	131	1	518
Singapore	39	900	74	1,830
Taiwan	8	8,960	101	61,500
Thailand	40	8,920	265	59,800
Vietnam	3	733	6	1,560
Other	(3)	5	(3)	71
Total	696	213,000	2,920	927,000
Grand total	1,500	323,000	5,390	1,420,000

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free alongside ship basis.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 7  
U.S. EXPORTS OF IRON AND STEEL SCRAP BY REGION AND SELECTED CUSTOMS DISTRICT<sup>1,2,3</sup>

(Thousand metric tons and thousand dollars)

Region and customs district	May 2005		Year to date	
	Quantity	Value	Quantity	Value
<b>Canadian-U.S. Border:</b>				
Buffalo, NY	12	3,550	62	17,900
Chicago, IL	1	131	2	865
Detroit, MI	54	6,800	182	34,500
Duluth, MN	4	771	11	2,740
Great Falls, MT	3	394	14	2,250
Milwaukee, WI	5	1,300	5	1,300
Ogdensburg, NY	9	1,600	35	7,240
Pembina, ND	80	10,900	269	41,800
Other <sup>5</sup>	(4)	48	1	222
<b>Total</b>	<b>166</b>	<b>25,500</b>	<b>581</b>	<b>109,000</b>
<b>East Coast:</b>				
Baltimore, MD	5	2,340	22	8,410
Boston, MA	58	14,400	257	64,500
Charleston, SC	4	1,960	24	13,500
Miami, FL	4	3,490	22	14,400
New York, NY	141	38,600	784	222,000
Norfolk, VA	8	4,500	49	22,400
Philadelphia, PA	22	5,630	230	52,300
Portland, ME	28	5,610	103	25,900
Savannah, GA	7	4,140	24	15,700
St. Albans, VT	7	1,320	25	5,530
Washington, DC	(4)	7	(4)	13
Wilmington, NC	3	952	11	3,360
Other <sup>5</sup>	308	3,060	412	11,900
<b>Total</b>	<b>594</b>	<b>85,900</b>	<b>1,960</b>	<b>459,000</b>
<b>Gulf Coast and Mexican-U.S. Border (includes Caribbean territories):</b>				
El Paso, TX	(4)	100	(4)	246
Houston-Galveston, TX	14	5,930	48	31,100
Laredo, TX	58	12,900	281	60,800
Mobile, AL	(4)	129	3	3,650
New Orleans, LA	6	10,500	137	56,000
Nogales, AZ	(4)	44	1	137
San Juan, PR	16	3,130	29	6,080
Tampa, FL	90	19,800	125	28,100
Other	1	3	1	85
<b>Total</b>	<b>186</b>	<b>52,400</b>	<b>624</b>	<b>186,000</b>
<b>West Coast and Hawaii:</b>				
Columbia-Snake, OR	2	998	161	42,000
Honolulu, HI and Anchorage, AK	2	656	80	19,500
Los Angeles, CA	263	79,300	1,110	348,000
San Diego, CA	3	565	46	7,180
San Francisco, CA	121	35,000	465	136,000
Seattle, WA	159	42,100	365	111,000
<b>Total</b>	<b>550</b>	<b>159,000</b>	<b>2,220</b>	<b>663,000</b>
<b>Grand total</b>	<b>1,500</b>	<b>323,000</b>	<b>5,390</b>	<b>1,420,000</b>

<sup>1</sup>Re-export activity for May 2005 amounted to 2,620 metric tons valued at \$583,000.

<sup>2</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Export valuation is on a free alongside ship basis.

<sup>3</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>4</sup>Less than 1/2 unit.

<sup>5</sup>Includes Code 70, which is for low-valued exports from the United States to Canada.

Source: U.S. Census Bureau.

TABLE 8  
U.S. EXPORTS OF IRON AND STEEL SCRAP AND OTHER FERROUS PRODUCTS BY GRADE<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	May 2005		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	280	56,900	1,190	251,000
No. 2 heavy melting steel	21	4,780	151	31,200
No. 1 bundles	25	2,710	141	14,300
No. 2 bundles	4	804	37	8,310
Shredded steel scrap	454	101,000	1,670	392,000
Borings, shovelings and turnings	34	3,530	99	11,800
Cut plate and structural	48	11,800	147	35,800
Tinned iron or steel	8	2,690	27	8,030
Remelting scrap ingots	1	1,380	3	2,880
Cast iron	62	14,800	447	92,200
Other iron and steel	102	28,100	458	127,000
Total carbon steel and cast iron	1,040	229,000	4,380	974,000
Stainless steel	43	52,500	257	277,000
Other alloy steel	412	41,100	759	167,000
Total stainless and alloy steel	455	93,600	1,020	444,000
Total carbon, stainless, alloy steel and cast iron	1,500	323,000	5,390	1,420,000
Ships, boats, and other vessels for breaking up (for scrapping)	(3)	25	2	328
Used rails for rerolling and other uses	2	1,000	13	7,320
Total scrap exports	1,500	324,000	5,410	1,430,000
Exports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	(3)	7	6	2,120
Pig iron > 0.5% phosphorus	--	--	21	1,850
Alloy pig iron	2	650	5	942
Total pig iron	2	657	32	4,910
Direct-reduced iron (DRI)	--	--	(3)	16
Spongy iron products, not DRI	(3)	82	1	997
Granules for abrasive cleaning and other uses	2	1,930	10	8,440
Powders of alloy steel	1	2,010	7	11,300
Other ferrous powders	4	5,890	20	31,200
Total DRI, granules, powders	8	9,920	39	52,000
Grand total	1,510	334,000	5,480	1,480,000

-- Zero.

<sup>1</sup>Export valuation is on a free alongside ship basis.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 9  
U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP  
BY SELECTED COUNTRY<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Country	May 2005		Year to date	
	Quantity	Value	Quantity	Value
Bahamas, The	(3)	9	1	163
Canada	230	45,800	1,090	259,000
Chile	(3)	22	(3)	271
Colombia	1	82	1	82
Dominican Republic	--	--	13	2,680
Egypt	(3)	91	(3)	305
El Salvador	(3)	39	(3)	103
France	(3)	102	(3)	331
Guatemala	(3)	88	(3)	310
Japan	(3)	709	1	937
Korea, Republic of	(3)	20	(3)	33
Malaysia	1	173	1	175
Mexico	9	4,370	56	23,300
Netherlands	29	8,050	125	45,800
Panama	(3)	28	(3)	69
Russia	--	--	35	10,400
Singapore	(3)	8	(3)	23
South Africa	--	--	4	35
Sweden	--	--	91	26,400
United Arab Emirates	(3)	43	(3)	43
United Kingdom	33	9,280	166	48,600
Venezuela	(3)	118	(3)	458
Other	1	20	5	1,490
Total	303	69,000	1,590	421,000

-- Zero.

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 10  
 U.S. IMPORTS FOR CONSUMPTION OF IRON AND STEEL SCRAP  
 BY SELECTED CUSTOMS DISTRICT<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Customs district	May 2005		Year to date	
	Quantity	Value	Quantity	Value
Buffalo, NY	28	11,100	192	79,500
Charleston, SC	62	17,300	410	128,000
Detroit, MI	134	23,400	579	124,000
Duluth, MN	4	1,110	20	5,440
Galveston, TX	3	1,220	8	5,690
Great Falls, MT	3	539	6	1,190
Laredo, TX	2	2,090	18	11,400
Pembina, ND	3	1,300	21	8,040
San Diego, CA	3	806	14	3,800
Seattle, WA	56	6,830	233	29,300
Other	5	3,360	86	24,100
Total	303	69,000	1,590	421,000

<sup>1</sup>Includes tinplate and terneplate; excludes used rails for rerolling and other uses and ships, boats, and other vessels for scrapping. Import valuation is on a Customs basis.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 11  
U.S. IMPORTS OF IRON AND STEEL SCRAP AND OTHER  
FERROUS PRODUCTS BY GRADE<sup>1,2</sup>

(Thousand metric tons and thousand dollars)

Item	May 2005		Year to date	
	Quantity	Value	Quantity	Value
No. 1 heavy melting steel	7	762	24	3,100
No. 2 heavy melting steel	4	546	18	2,950
No. 1 bundles	72	17,000	378	110,000
No. 2 bundles	--	--	7	2,720
Shredded steel scrap	54	11,600	383	90,900
Borings, shovelinings and turnings	11	972	40	3,550
Cut plate and structural	14	1,770	57	8,490
Tinned iron or steel	2	340	8	1,300
Remelting scrap ingots	(3)	43	1	293
Cast iron	36	5,860	135	25,600
Other iron and steel	58	11,200	339	75,700
Total carbon steel and cast iron	259	50,100	1,390	324,000
Stainless steel	11	12,200	57	65,000
Other alloy steel	33	6,780	141	31,400
Total stainless and alloy steel	44	19,000	198	96,400
Total carbon, stainless, alloy steel and cast iron	303	69,000	1,590	421,000
Ships, boats, and other vessels for breaking up (for scrapping)	--	--	--	--
Used rails for rerolling and other uses	34	11,000	69	20,300
Total scrap imports	337	80,100	1,660	441,000
Imports of manufactured ferrous products:				
Pig iron < or = 0.5% phosphorus	185	61,100	3,070	855,000
Pig iron > 0.5% phosphorus	--	--	22	9,440
Alloy pig iron	--	--	--	--
Total pig iron	185	61,100	3,090	864,000
Direct-reduced iron (DRI)	111	24,800	906	191,000
Spongy iron products, not DRI	28	7,730	221	68,200
Granules for abrasive cleaning and other uses	1	922	7	4,970
Powders of alloy steel	5	6,000	24	30,500
Other ferrous powders	5	6,140	57	32,400
Total DRI, granules, powders	150	45,600	1,220	327,000
Grand total	672	187,000	5,960	1,630,000

-- Zero.

<sup>1</sup>Import valuation is on a Customs basis.

<sup>2</sup>Data are rounded to no more than three significant digits; may not add to totals shown.

<sup>3</sup>Less than 1/2 unit.

Source: U.S. Census Bureau.

TABLE 12  
U.S. RAW STEEL PRODUCTION, RAW STEEL CAPABILITY UTILIZATION,  
AND CONTINUOUS CAST STEEL PRODUCTION<sup>1</sup>

Period	Raw steel production, thousand metric tons		Raw steel capability utilization, percent		Continuous cast steel production, percent	
	Monthly	Year to date <sup>2</sup>	Monthly	Year to date	Monthly	Year to date
2004:						
June	8,170	48,300	94.4	91.9	96.8	97.0
July	8,310	57,100	93.5	92.7	97.4	97.1
August	8,450	65,600	95.0	93.0	94.4	96.3
September	8,380	74,000	97.3	93.5	97.3	97.1
October	8,660	82,600	97.5	93.9	95.9	96.0
November	8,160	90,700	94.8	93.9	97.2	97.2
December	8,130	98,900	91.5	93.8	96.7	97.1
2005:						
January	8,280	8,280	90.9	90.9	96.6	96.6
February	7,640	15,900	92.9	91.9	96.7	96.7
March	8,190	24,100	88.4	89.7	96.7	96.7
April	7,950	32,000	89.2	89.5	96.7	96.7
May	7,750	39,800	84.2	88.4	96.4	96.6
June	7,110	46,900	79.8	87.0	96.2	96.5

<sup>1</sup>Data are rounded to no more than three significant digits.

<sup>2</sup>Year-to-date may include revisions for previous months.

Source: American Iron and Steel Institute.

TABLE 13  
COMPOSITE PRICES FOR NO. 1 HEAVY MELTING STEEL SCRAP AND PIG IRON

Period	American Metal Market No. 1 HMS		Iron Age No. 1 HMS		Iron Age Pig Iron <sup>1</sup>	
	\$/lt	\$/t	\$/lt	\$/t	\$/lt	\$/t
2004:						
January	177.47	174.67	179.84	176.99	240.78	236.98
February	224.09	220.55	222.50	218.99	240.78	236.98
March	250.05	246.10	238.13	234.37	341.90	336.50
April	208.76	205.46	201.33	198.15	344.19	338.75
May	170.55	167.86	161.25	158.70	332.76	327.50
June	165.00	162.39	160.33	157.80	300.24	295.50
July	215.30	211.90	214.96	211.56	328.18	323.00
August	240.38	236.58	225.96	222.40	398.80	392.50
September	205.17	201.93	198.78	195.64	353.08	347.50
October	237.37	233.62	235.83	232.11	372.13	366.25
November	251.67	247.70	250.67	246.71	390.67	384.50
December	218.38	214.93	209.39	206.08	370.86	365.00
Average	213.68	210.31	208.25	204.96	334.53	329.25
2005:						
January	205.02	201.78	197.67	194.54	337.84	332.50
February	199.32	196.17	193.59	190.53	317.52	312.50
March	197.81	194.69	196.17	193.07	320.04	314.99
April	217.64	214.20	213.54	210.17	327.66	322.49
May	180.19	177.34	174.30	171.55	327.66	322.49
June	124.92	122.95	120.83	118.92	308.61	303.74

<sup>1</sup>Prices are Brazilian basic pig iron, F.O.B. New Orleans, LA.

Note: Long tons = lt; metric tons = t.